WHAT IS CLAIMED IS:

- 1. A position indicator for performing a graphic input for such OA equipment as computers by moving the position indicator in the air, comprising: a pressure sensor to detect a reaction of air due to the movement of the position indicator.
- The position indicator of Claim 1, wherein the pressure sensor comprised in the position indicator comprises an elastic film to push the air.
- The position indicator of Claim 2, wherein the elastic film forms concavity to provide the maximum momentum to the air.
- The position indicator of Claim 1, wherein the pressure sensor comprises a cover comprising minute holes in the front to prevent the pressure sensor from wind.
- The position indicator of Claim 1, wherein the pressure sensor comprises holes on the back to make the air flow smoothly.
- 6. The position indicator of Claim 4, wherein the cover comprises a cover comprising another holes on the outside to prevent the pressure sensor from wind.
- The position indicator of Claim 2, wherein the elastic film is comprised of a piezoelectric film having a piezoelectric effect.
- 8. The position indicator of Claim 7, wherein the piezoelectric film is glued to another film, comprised of a material with good elasticity and rigidity, which fills a role of pushing air.
- 9. The position indicator of Claim 2, wherein the reaction of the air due to the movement of the position indicator is calculated by measuring a change in an output of a photo sensor which receives a reflected light of a light emitted towards the

elastic film.

10. The position indicator of Claim 2, wherein the elastic film is comprised of a silicon,

a piezo resistive element is set near the elastic film and a deflection occurred by the elastic film pushing the air is measured by a change in a resistance value of the piezo resistive element.